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FILE 'HOME' ENTERED AT 13:46:27 ON 04 SEP 2002

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FILE 'MEDLINE' ENTERED AT 13:46:41 ON 04 SEP 2002

=> transporter protein

L1 4516 TRANSPORTER PROTEIN

=> human(s)transporter(s)protein

L2 6911 HUMAN(S) TRANSPORTER(S) PROTEIN

=> isola? or purif?

L3 3436972 ISOLA? OR PURIF?

=> isol?(s)?nucle?

L4 212183 ISOL?(S) ?NUCLE?

=> purif?(s)?nucle?

L5 103976 PURIF?(S) ?NUCLE?

=> 14 or 15

L6 292733 L4 OR L5

=> 12 and 16

L7 383 L2 AND L6

=> 12 and 13

L8 1643 L2 AND L3

=> 18 and ?nucle?

L9 643 L8 AND ?NUCLE?

=> 17 and (phosphate or sugar)

L10 50 L7 AND (PHOSPHATE OR SUGAR)

=> 110 and 1970-2000/py

L11 35 L10 AND 1970-2000/PY

=> dup rem 110

PROCESSING COMPLETED FOR L10

L12 28 DUP REM L10 (22 DUPLICATES REMOVED)

=> d ti so 112 1-28

L12 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2002 ACS

TI **Human transporter proteins** and their cDNA
sequences and diagnostic and related uses

SO PCT Int. Appl., 364 pp.

CODEN: PIXXD2

L12 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2002 ACS

TI Protein and DNA sequences of isolated human **sugar**-transporting
protein sequence homolog and therapeutical uses

SO PCT Int. Appl., 102 pp.

CODEN: PIXXD2

L12 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2002 ACS

TI Novel human **sugar** transporter family member HST-1 and its cDNA
and therapeutic uses thereof

SO PCT Int. Appl., 96 pp.

CODEN: PIXXD2

L12 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2002 ACS

TI Protein, cDNA and genomic sequences of an isolated human transport
protein

related protein and uses thereof

SO U.S. Pat. Appl. Publ., 96 pp.

CODEN: USXXCO

L12 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2002 ACS

TI **Protein**, cDNA and genomic sequences of an isolated **human**
sugar transporter related **protein** and uses
thereof

SO U.S. Pat. Appl. Publ., 56 pp.

CODEN: USXXCO

L12 ANSWER 6 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
1

TI Cloning of the cDNA and mRNA expression of CLRP, a complex leucine repeat
protein of the golgi apparatus expressed by specific neurons of the rat
brain.

SO Journal of Neurobiology, (August, 2002) Vol. 52, No. 2, pp. 166-173.

<http://www.interscience.wiley.com/jpages/0022-3034>. print.

ISSN: 0022-3034.

L12 ANSWER 7 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
2

TI Human and Drosophila UDP-galactose transporters transport
UDP-N-acetylgalactosamine in addition to UDP-galactose.

SO European Journal of Biochemistry, (January, 2002) Vol. 269, No. 1, pp.
128-138. print.

ISSN: 0014-2956.

- L12 ANSWER 8 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 TI The gene defective in leukocyte adhesion deficiency II encodes a putative GDP-fucose transporter.
 SO Nature Genetics, (May, 2001) Vol. 28, No. 1, pp. 69-72. print.
 ISSN: 1061-4036.
- L12 ANSWER 9 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
 3
 TI Characterization of the ATPase cycle of human ABCA1: Implications for its function as a regulator rather than an active transporter.
 SO Biochemical and Biophysical Research Communications, (November 16, 2001) Vol. 288, No. 5, pp. 1258-1264. print.
 ISSN: 0006-291X.
- L12 ANSWER 10 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE
 4
 TI Htt1 proteins identified in Saccharomyces cerevisiae and Schizosaccharomyces pombe are functional homologues involved in the protein-folding process at the endoplasmic reticulum.
 SO Yeast, (April, 2001) Vol. 18, No. 6, pp. 543-554. print.
 ISSN: 0749-503X.
- L12 ANSWER 11 OF 28 MEDLINE
 TI The gene defective in leukocyte adhesion deficiency II encodes a putative GDP-fucose transporter.
 SO NATURE GENETICS, (2001 May) 28 (1) 69-72.
 Journal code: 9216904. ISSN: 1061-4036.
- L12 ANSWER 12 OF 28 MEDLINE
 TI Cap methyltransferase selective binding and methylation of GpppG-RNA are stimulated by importin-alpha.
 SO GENES AND DEVELOPMENT, (2000 Dec 1) 14 (23) 2944-9.
 Journal code: 8711660. ISSN: 0890-9369.
- L12 ANSWER 13 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE
 5
 TI What are the immunologically active components of bacille Calmette-Guerin in therapy of superficial bladder cancer.
 SO International Journal of Cancer, (15 September, 2000) Vol. 87, No. 6, pp. 844-852. print.
 ISSN: 0020-7136.
- L12 ANSWER 14 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE
 6
 TI Insights into tyrosine phosphorylation control of protein-protein association from the NMR structure of a band 3 peptide inhibitor bound to glyceraldehyde-3-phosphate dehydrogenase.
 SO Biochemistry, (Jan. 20, 1998) Vol. 37, No. 3, pp. 867-877.
 ISSN: 0006-2960.
- L12 ANSWER 15 OF 28 CAPLUS COPYRIGHT 2002 ACS
 TI Isolation and characterization of a cDNA from Catharanthus roseus which is highly homologous with phosphate transporter
 SO Soil Science and Plant Nutrition (Tokyo) (1997), 43(1), 227-235
 CODEN: SSPNAW; ISSN: 0038-0768

- L12 ANSWER 16 OF 28 CAPLUS COPYRIGHT 2002 ACS
 TI Molecular cloning and characterization of a novel isoform of the human UDP-galactose transporter, and of related complementary DNAs belonging to the nucleotide-**sugar** transporter gene family
 SO Journal of Biochemistry (Tokyo) (1996), 120(6), 1074-1078
 CODEN: JOBIAO; ISSN: 0021-924X
- L12 ANSWER 17 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE
 7
 TI Glucose transport function is controlled by transporter oligomeric structure: A single, intramolecular disulfide promotes GLUT1 tetramerization.
 SO Biochemistry, (1995) Vol. 34, No. 30, pp. 9734-9747.
 ISSN: 0006-2960.
- L12 ANSWER 18 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE
 8
 TI Cloning and functional expression of a Na⁺-dependent **phosphate** co-transporter from human kidney: cDNA cloning and functional expression.
 SO Biochemical Journal, (1995) Vol. 305, No. 1, pp. 81-85.
 ISSN: 0264-6021.
- L12 ANSWER 19 OF 28 MEDLINE
 TI Isolation of cDNAs and tissue specific expression of ovine glucose transporters.
 SO BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, (1995 Sep) 37 (1) 9-16.
 Journal code: 9306673. ISSN: 1039-9712.
- L12 ANSWER 20 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE
 9
 TI HUMAN SMALL INTESTINE FACILITATIVE FRUCTOSE-GLUCOSE TRANSPORTER GLUT5 IS ALSO PRESENT IN INSULIN-RESPONSIVE TISSUES AND BRAIN INVESTIGATION OF BIOCHEMICAL CHARACTERISTICS AND TRANSLOCATION.
 SO DIABETES, (1992) 41 (10), 1360-1365.
 CODEN: DIAEAZ. ISSN: 0012-1797.
- L12 ANSWER 21 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE
 10
 TI Cloning of a human kidney cDNA with similarity to the sodium-glucose cotransporter.
 SO American Journal of Physiology, (1992) Vol. 263, No. 3 PART 2, pp. F459-F465.
 ISSN: 0002-9513.
- L12 ANSWER 22 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE
 11
 TI INHIBITORS OF **PROTEIN** SYNTHESIS CAUSE INCREASED HEXOSE TRANSPORT IN CULTURED **HUMAN** FIBROBLASTS BY A MECHANISM OTHER THAN **TRANSPORTER** TRANSLOCATION.
 SO J CELL PHYSIOL, (1992) 151 (1), 156-163.
 CODEN: JCLLAX. ISSN: 0021-9541.
- L12 ANSWER 23 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
 INC.DUPLICATE

12
TI AN ATP-MODULATED SPECIFIC ASSOCIATION OF GLYCERALDEHYDE-3-
PHOSPHATE DEHYDROGENASE WITH HUMAN ERYTHROCYTE GLUCOSE
TRANSPORTER.
SO J BIOL CHEM, (1990) 265 (26), 15449-15454.
CODEN: JBCHA3. ISSN: 0021-9258.

L12 ANSWER 24 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
INC.DUPLICATE

13
TI THE **HUMAN** ERYTHROCYTE **SUGAR** TRANSPORTER IS
ALSO A NUCLEOTIDE BINDING **PROTEIN**.
SO BIOCHEMISTRY, (1989) 28 (21), 8337-8346.
CODEN: BICHAW. ISSN: 0006-2960.

L12 ANSWER 25 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
INC.DUPLICATE

14
TI **NUCLEOSIDE** TRANSPORTER OF PIG ERYTHROCYTES KINETIC PROPERTIES
ISOLATION AND REACTION WITH NITROBENZYLTHIOINOSINE AND
DIPYRIDAMOLE.
SO BIOCHIM BIOPHYS ACTA, (1987) 903 (1), 18-30.
CODEN: BBACAQ. ISSN: 0006-3002.

L12 ANSWER 26 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
INC.DUPLICATE

15
TI ATP REGULATION OF THE HUMAN RED CELL **SUGAR** TRANSPORTER.
SO J BIOL CHEM, (1986) 261 (24), 11028-11037.
CODEN: JBCHA3. ISSN: 0021-9258.

L12 ANSWER 27 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
INC.DUPLICATE

16
TI ERYTHROCYTE **NUCLEOSIDE** AND **SUGAR** TRANSPORT
ENDO-BETA-GALACTOSIDASE AND ENDOGLYCOSIDASE F DIGESTION OF PARTIALLY
PURIFIED HUMAN AND PIG **TRANSPORTER**
PROTEINS.
SO BIOCHEM J, (1986) 240 (2), 349-356.
CODEN: BIJOAK. ISSN: 0306-3275.

L12 ANSWER 28 OF 28 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS
INC.DUPLICATE

17
TI RECONSTITUTION STUDIES OF THE HUMAN ERYTHROCYTE NUCLEOSIDE TRANSPORTER.
SO J BIOL CHEM, (1985) 260 (6), 3506-3511.
CODEN: JBCHA3. ISSN: 0021-9258.

=> ibib

L13 17 IBIB

=> d ibib 112 1-5

L12 ANSWER 1 OF 28 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:539834 CAPLUS
DOCUMENT NUMBER: 137:74485
TITLE: **Human transporter proteins**

and their cDNA sequences and diagnostic and related uses

INVENTOR(S): Curtis, Rory A. J.
 PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
 SOURCE: PCT Int. Appl., 364 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002055701	A2	20020718	WO 2001-US49060	20011217
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 2000-256240P	P 20001215
			US 2000-256588P	P 20001218
			US 2000-258028P	P 20001221

L12 ANSWER 2 OF 28 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:449866 CAPLUS

DOCUMENT NUMBER: 137:29071

TITLE: Protein and DNA sequences of isolated human **sugar**-transporting protein sequence homolog and therapeutical uses

INVENTOR(S): Yan, Chunhua; Zhu, Shiaoqing; Difrancesco, Valentina; Beasley, Ellen M.

PATENT ASSIGNEE(S): PE Corporation (NY), USA

SOURCE: PCT Int. Appl., 102 pp.
 CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002046406	A2	20020613	WO 2001-US45162	20011204
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002103337			A1	20020801
PRIORITY APPLN. INFO.:			US 2001-822863	20010402
			US 2000-250498P	P 20001204
			US 2001-822863	A 20010402

L12 ANSWER 3 OF 28 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:107546 CAPLUS
DOCUMENT NUMBER: 136:146223
TITLE: Novel human **sugar** transporter family member
HST-1 and its cDNA and therapeutic uses thereof
INVENTOR(S): Curtis, Rory A. J.
PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 96 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002010390	A2	20020207	WO 2001-US24180	20010731
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2000-221769P P 20000731

L12 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:488232 CAPLUS
DOCUMENT NUMBER: 137:58670
TITLE: Protein, cDNA and genomic sequences of an isolated human transport protein related protein and uses thereof
INVENTOR(S): Merkulov, Gennady; Guegler, Karl; Webster, Marion; Ketchum, Karen A.; Di Francesco, Valentina; Beasley, Ellen M.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 96 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002082190	A1	20020627	US 2000-740041	20001220
WO 2002053740	A2	20020711	WO 2001-US45662	20011205
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2000-251035P P 20001205
US 2000-740041 A 20001220

L12 ANSWER 5 OF 28 CAPLUS COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 2002:450334 CAPLUS
 DOCUMENT NUMBER: 137:29087
 TITLE: **Protein**, cDNA and genomic sequences of an
 isolated **human sugar**
transporter related **protein** and uses
 thereof
 INVENTOR(S): Merkulov, Gennady V.; Guegler, Karl; Wei, Ming-hui;
 Di
 PATENT ASSIGNEE(S): Francesco, Valentia; Beasley, Ellen M.
 USA
 SOURCE: U.S. Pat. Appl. Publ., 56 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002072488	A1	20020613	US 2000-739457	20001219
WO 2002048366	A2	20020620	WO 2001-US47559	20011211

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
 PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
 TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
 CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:
 US 2000-254553P P 20001212
 US 2000-739457 A 20001219

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FILE 'BIOSIS, CAPLUS, MEDLINE' ENTERED AT 13:46:41 ON 04 SEP 2002

L1 4516 TRANSPORTER PROTEIN
 L2 6911 HUMAN(S)TRANSPORTER(S) PROTEIN
 L3 3436972 ISOLA? OR PURIF?
 L4 212183 ISOL?(S)?NUCLE?
 L5 103976 PURIF?(S)?NUCLE?
 L6 292733 L4 OR L5
 L7 383 L2 AND L6
 L8 1643 L2 AND L3
 L9 643 L8 AND ?NUCLE?
 L10 50 L7 AND (PHOSPHATE OR SUGAR)
 L11 35 L10 AND 1970-2000/PY
 L12 28 DUP REM L10 (22 DUPLICATES REMOVED)
 L13 17 IBIB

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